

Split

Work Order ID 82773-3

82773

Page 1

Item ID: D3439-101

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Mirror Assembly 8"

Start Date: 4/09/12 Start Qty: 50.00

50

Cust Item ID:

Required Date: 4/13/12 Req'd Qty: 50.00

50

Customer:

Reference:

Approvals: Process Plan: *CX*

Date: 12/04/09 Tooling:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Accept Reject Reject Insp.
Code Qty Qty Number Stamp

Draw Nbr

Revision Nbr

D3439

Rev B

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 116663
For Grote Mirror P/N: 12183
Possible Supplier: UAP/NAPA
Material release note is required

CX 12/04/09 (50)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

*top
12-04-11*

115

QC6- Inspect dimensions to drawing

0.00

115

QC

Memo

0.00

Quality Control

Split

*rec'd
(4/8)*

Work Order ID 82773

82773

Page 2

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Item ID: D3439-101
Revision ID:
Item Name: Mirror Assembly 8"

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 4/09/12 Start Qty: 50.00 *50*
Required Date: 4/13/12 Req'd Qty: 50.00 *50*

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:
QC:

Date:

Tooling:

Date:

Run Start *NR1*

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120
120
Small Fab
Small Fab

Small Fab

Memo

0.00

0.00

1- Discard Hardware.
2- Drill and Tap mirror as per Dwg using DT9670 , then install stud as per dwg.
3- Plug drain holes with Sikaflex.
Ensure that mirror adheres to housing.
Pick:
Qty Part Number Description Batch
A/RN/A Sikaflex-241/-291 121409
Sikaflex expiry date 13-4-12

FX 4x

EP 12/07/13

130
130
QC
Quality Control

QC'S- Inspect part completeness to step on W/O

Memo

0.00

0.00

51767103

Work Order ID 82773

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82773

Page 3

Item ID: D3439-101

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Mirror Assembly 8"

Stop ***NS2***

Start Date: 4/09/12 Start Qty: 50.00

50

Cust Item ID:

Required Date: 4/13/12 Req'd Qty: 50.00

50

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

140

Identify as per dwg & Stock Location: Shop 0.00

140

Packaging

Memo

0.00

Packaging

150

QC21- Final Inspection - Work Order Release 0.00

150

QC

Memo

0.00

Quality Control

4x 80

12-7-3

12/7/3

12-07-03

Picklist Print

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Page 1

Work Order ID: 82773

Parent Item: D3439-101

Parent Item Name: Mirror Assembly 8"

Start Date: 4/09/12

Required Date: 4/13/12

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP A05.07 20New issueKJ/LLM
verlee

IPP Rev:B 10.09.08 per dwg RevB DD

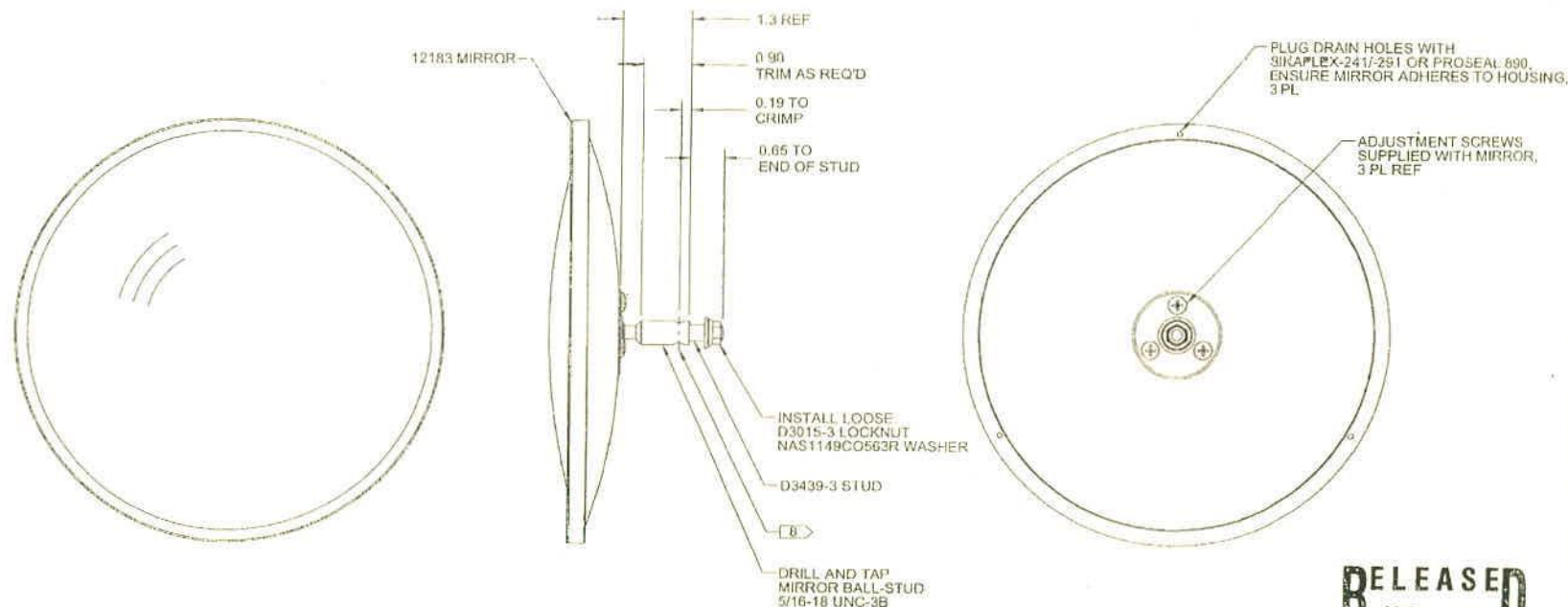
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
12183 GROTE MIRROR		Purchased	No			120	Each	0.0000	1	50			
D3015-3 Locknut		Manufactured	No			120	Each	202.0000	1	50			
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST023		202							
				78314		202							
D3439-3 Stud		Manufactured	No			120	Each	42.0000	1	50			
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				GA		42							
				73802		2							
				77048		40							
NAS1149C0563R Washer		Purchased	No			120	Each	404.0000	1	50			
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST296		200							
				120422		200							
				ST297		204							
				116391		4							
				117460		200							

SPD 07-1
EP 12/07/03

EP 12/07/03

EP 12/07/03

ITEM	QTY	P/N	DESCRIPTION
1	X	D3439-101	MIRROR ASSEMBLY, 8"
2	1	12183	MIRROR 8" (GROTE)
3	1	D3015-3	LOCKNUT
4	1	D3439-3	STUD
5	1	NAS1148CO563R	WASHER (OR AN960JD516)



D3439-101 MIRROR ASSEMBLY

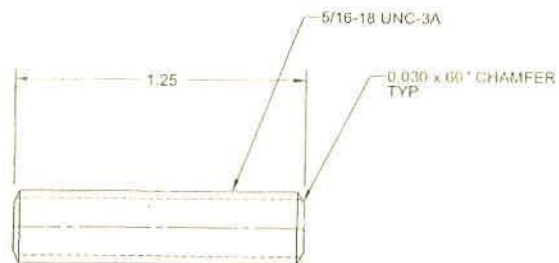
NOTES:

- 1) MATERIAL: MIRROR= 8" ROUND CONVEX MIRROR W/ STAINLESS STEEL CASE
CENTER-MOUNT BALL-STUD W/ 1/4-20 X 1" DEEP FEMALE THREAD
GROTE INDUSTRIES, 2600 LANIER DRIVE, MADISON, INDIANA 47250
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3439-101" USING REMOVEABLE TAG
- 7) WEIGHT: 1.18 lbs
- 8) TO INSTALL D3439-3 STUD:
 - APPLY LOCKTITE 262 TO THREADS BEING INSTALLED INTO MIRROR BALL-STUD
 - THREAD D3439-3 STUD INTO MIRROR BALL-STUD
 - CRIMP MIRROR BALL-STUD ON OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.015-0.030 USING R0.125

212109169
W10: 52773

RELEASED
2010-09-07

B	REDRAW, ADD -3 (WAS PURCHASED/TRIMMED BOLT)	CP	10.07.20
A	NEW ISSUE	CP	05.05.27
REV	DESCRIPTION	BY	DATE
DESIGN	99	DART AEROSPACE LTD	
DRAWN	99	HAWKESBURY, ONTARIO, CANADA	
CHECKED	99	DRAWING NO.	REV. B
MFG. APPR.	99	D3439	SHEET 1 OF 2
APPROVED	99	TITLE	SCALE
DE APPR.	99	MIRROR ASSEMBLY	NTS
DATE	10.07.20	COPYRIGHT © 2010 BY DART AEROSPACE LTD.	



D3439-3 STUD

RELEASED
2010-09-07
MP

NOTES:

- 1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR PER ASTM A582
REF DART SPEC M303R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.03 lbs

DESIGN	<i>MP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>MP</i>	DRAWING NO.	REV. B
CHECKED	<i>MP</i>	D3439	SHEET 2 OF 2
MFG. APPR.	<i>MP</i>	TITLE	SCALE
APPROVED	<i>MP</i>	MIRROR ASSEMBLY	NTS
DE APPR.	<i>MP</i>	COPYRIGHT © 2010 BY DART AEROSPACE LTD.	
DATE	10.07.20	THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES SPECIFIED ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.	


W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577 Fax: 613 632 1053
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PURCHASE ORDER

Purchase Order ID PO16663

Purchase Order Date 4/09/12

PO Print Date 4/09/12

Page Number 1 of 1

Order From : VC-AUT001

AUTO PARTS EXTRA
1000 RUE LANSDOWNE
HAWKESBURY, ON K6A 1H7
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 632 1191	Requisition Nbr	
Vendor Fax	613 632 2350	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



Line Nbr	Reference Revision ID Vendor Part Number	Description Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	12183	GROTE MIRROR	4/12/12 Yes	50.00 Each	Yours ppd	\$21.4900	\$1,074.5

Special Inst: AS PER DWG D3439 REV B
B82773
P/N: GROTE 12183

PO Total: \$1,074.5

Change Nbr: 1

Change Date: 4/09/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Benson

**AUTO PARTS • PIÈCES AUTO
TRUCK PARTS • PIÈCES DE CAMION
PERFORMANCE PARTS • PIÈCES DE PERFORMANCE
TIRES • PNEUS**

Benson

Print and records bear 2% interest per month (24% per annum). If this account is placed with a 3rd party, the interest will be 25% and the records will be 26%. All exchanges and refund claims must be accompanied by this invoice. If the invoice is not paid within 30 days, all parts returned will be subject to 25% handling charge. All merchandise sold on this invoice remains the property of Benson. Payment due on 10th day of the following month.

Quatre mois minimum sans cette facture. Net 30 jours, 2% de frais d'intérêt par mois (24% par an) sur les avances. Si le compte est placé avec un tiers, les frais d'intérêt seront de 25% et les avances de 26%. Tous échanges et remboursements doivent être accompagnés de cette facture. Si la facture n'est pas payée dans les 30 jours, toutes marchandises retournées seront soumises à une charge de manutention de 25%. Les marchandises retournées sans cette facture demeureront la propriété du vendeur tant qu'elles n'ont pas entièrement payées. Payer dans les 10 jours suivant.

SIGNATURE

Mark
Mark

1000 RUE LANDSDOWNE HAWKESBURY, ON K6A 1H7
TEL: (613) 632-1191 FAX: (613) 632-2350

TVQ: 1016330716 TQ0001 -- HST / TPS: 10035 3366 RT0001

WE THANK YOU FOR YOUR BUSINESS

Merci

113336 (613) 632 5200
SYDNEY AEROSPACE LTD.
10000 2ND AVE S.W. (613) 632-1191
OAKVILLE, ONT. L6A 1H7

EX 113336
SHIP TO
DATE: 4/11/12
07.00
11.00 A.P.

011

QTY / QNT	SHIP / EXP	COIN	DESCRIPTION	UNIT / CHACUN	COST / COUTANT	EXTENSION
12	17	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	30.53
24	24	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	537.25
3	3	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	171.00
50	50	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	171.00

QTY / QNT	SHIP / EXP	COIN	DESCRIPTION	UNIT / CHACUN	COST / COUTANT	EXTENSION
12	17	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	30.53
24	24	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	537.25
3	3	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	171.00
50	50	0000	10000 2ND AVE S.W. (613) 632-1191	39.42	21.49	171.00

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